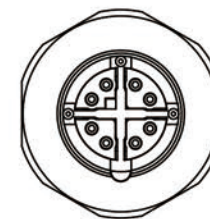
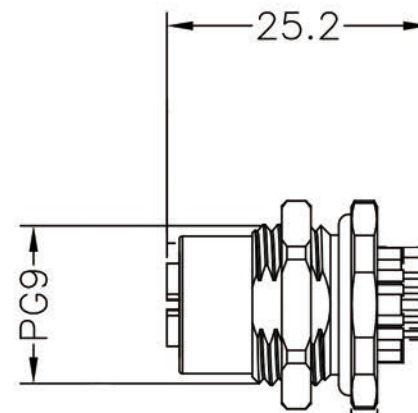
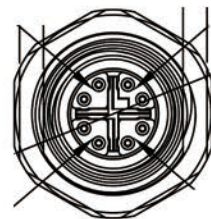


REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2025/06/02	ZK





Detailed Product Description:
Waterproof connector rating is IP67
They can not be used permanently under water

Connector Electrical Characteristics:
(After the terminal is assembled)
Rating voltage: 50V AC/60V DC
Insulation resistance: $>100M\Omega$
Rating current: 0.5A
Contact resistance of connector: $\leq 5m\Omega$

Other Specification
Contact PIN: Copper alloy with Gold plating.
Coupling nut/screw: Brass with nickel plating
Insulation plastic: PA66+GF(UL94V-0)
Operating temperature: $-40^{\circ}C \sim +105^{\circ}C$
Insulation materials meet EN45545

ALL MATERIALS ARE RoHS COMPLIANT



 SIGNAL[®] ShenZhen Signal Electronics co., Ltd		TITLE M12 X 8P/F FRONT MOUNT CONNECTOR	
		SGN NO 120708-04-XXX	REV.
DRAWN BY	DATE	DWG NO	S0
CHECKED BY	DATE	CUSTOMER	
CHECKED BY	DATE	TOLERANCES ARE:	THIRD ANGLE PROJECTION 
APPROVED BY	DATE	DECIMALES ANGLES	
<small>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SIGNAL COMPANY. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF SIGNAL COMPANY IS PROHIBITED.</small>		.x ± 0.5	x.* $\pm 2.0^{\circ}$
		.xx ± 0.20	.x* $\pm 1.0^{\circ}$
		SIZE: A4	UNITS: mm
		SCALE:	SHEET: 1 OF 1